

[Open Peer Review on Qeios](#)

A1C

National Diabetes Information Clearinghouse (NDIC)

Definitions

Blood glucose level

Defined by National Diabetes Information Clearinghouse (NDIC)

Glucose

Defined by National Diabetes Information Clearinghouse (NDIC)

Source

National Diabetes Information Clearinghouse (U.S.). (2009). *The diabetes dictionary*. [Bethesda, Md.]: U.S. Dept. of Health and Human Services, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, National Diabetes Information Clearinghouse.

A test that measures a person's average **blood glucose level** over the past 2 to 3 months. Hemoglobin is the part of a red blood cell that carries oxygen to the cells and sometimes joins with the **glucose** in the bloodstream. Also called **hemoglobin A1C** or **glycosylated hemoglobin**, the test shows the amount of glucose that sticks to the red blood cell, which is proportional to the amount of glucose in the blood. Results are given as a percentage or as an average glucose value, called an **estimated average glucose**.